

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jackway et al.

Examiner:

Serial No.:

Group Art Unit:

Filed:

Date: August 31, 2001

For: **METHOD FOR IMAGE TEXTURE ANALYSIS**

Assistant Commissioner for Patents
Washington, D.C. 20231



INFORMATION DISCLOSURE STATEMENT

This invention relates to a method and apparatus for image texture analysis in which the image is mapped into a first set of binary representation by a monotonically varying operator, such as a threshold operator. Each binary representation in the first set of binary representations is mapped to a further set of binary representations using a second monotonically varying operator, such as a spatial operator. The result of the two mappings is a matrix of binary image representations. Each binary image representation is allocated a scalar value to form an array of scalar values which may be analysed to identify texture characteristics.

As authorized and encouraged under 37 C.F.R. §1.197-1.99, Applicant hereby cites as a means of complying with the duty of disclosure set forth in 37 C.F.R. §1.56, the following patents and/or documents, copies enclosed, which the Examiner should consider with respect to the above-identified United States Patent Application.

U.S. PATENT DOCUMENT			
U.S. PATENT/DOCUMENT NO.	DATE	INVENTOR/OWNER	
5,426,684	June 20, 1995	Gaborski et al.	
5,680,475	October 21, 1997	Zwierski et al.	
5,832,118	November 3, 1998	Kim	
FOREIGN PATENT DOCUMENTS			
Patent/Document No.	Publication Date	Country	Inventor/Owner
AU-A-38395/97	04 September 1998	Australia	Delanges, et al.

A copy of each publication is included for the express purpose of providing the Patent and Trademark Office with an ample opportunity to evaluate the same and to arrive at an independent assessment of its materiality, if any, with regard to the examination of the application.

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In reviewing the enclosed copies of the above publications, the Examiner is requested to ignore any underscoring or highlighting which may appear because such markings may or may not have any relationship to the subject matter of the above-identified application. The copy being submitted with the Information Disclosure Statement is the best copy available at this time.

An examination of the present application considering the above documents is requested.

Respectfully submitted,

BUCKINGHAM, DOOLITTLE & BURROUGHS, LLP



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Attorney Docket No: UNIV-A (51373-2)

«CT2:299407_1»

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First Named Inventor	Paul Jackway
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Group Art Unit

Examiner Name

Attorney Docket Number	UNIV-A (51373-2)
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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